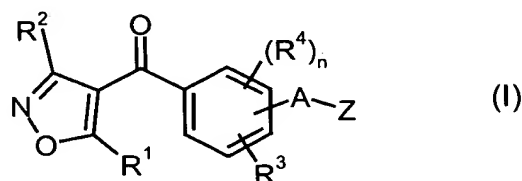


SUBSTITUTED BENZOYLISOXAZOLES AND THE USE THEREOF AS HERBICIDES

Abstract

The invention relates to novel substituted benzoylisoxazoles of the general formula (I),



in which

n represents the number 0, 1, 2 or 3,

A represents a single bond or represents alkanediyl (alkylene),

R¹ represents hydrogen or represents in each case optionally substituted alkyl, alkenyl or cycloalkyl,

R² represents hydrogen, cyano, carbamoyl, halogen, or represents in each case optionally substituted alkyl, alkylcarbonyl, alkoxy, alkoxycarbonyl or alkylthio, alkylsulphinyl or alkylsulphonyl,

R³ represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, halogen, or represents in each case optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino or dialkylaminosulphonyl,

- R⁴ represents nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, halogen, or represents in each case optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino or dialkylaminosulphonyl, and
- Z represents an optionally substituted 4- to 12-membered, saturated or unsaturated, monocyclic or bicyclic, heterocyclic grouping which contains 1 to 4 hetero atoms (up to 4 nitrogen atoms and optionally - alternatively or additionally - one oxygen atom or one sulphur atom, or one SO grouping or one SO₂ grouping) and which additionally contains one to three oxo groups (C=O) and/or thioxo groups (C=S) as components of the heterocycle,

and to processes for their preparation and to their use as herbicides.